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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q61175

Hiroyasu KURAMATSU

Appln. No.: 09/685,770

Group Art Unit: 2674

Confirmation No.: 5048

Examiner: Ali Zannani

Filed: October 11, 2000

For: COMMUNICATION TERMINAL DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Unexamined Patent Publication No. 10-200615, published July 31, 1998.
2. Japanese Unexamined Patent Publication No. 5-19913, published January 29, 1993.
3. Japanese Unexamined Patent Publication No. 5-344022, published December 24, 1993. (This reference was previously submitted to the PTO with an Information Disclosure Statement dated October 11, 2000.)
4. Japanese Unexamined Patent Publication No. 11-184782, published July 9, 1999.
5. Japanese Unexamined Patent Publication No. 10-126285, published May 15, 1998.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the

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Information Disclosure Statement

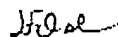
application (whichever is earlier), and therefore Applicant is filing concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p) is required.

The present Information Disclosure Statement is being filed thirty days or fewer from the communication from a foreign patent office and a Statement Under 37 C.F.R. § 1.704(d) is attached.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Japanese Office Action dated March 4, 2003 with an English translation of the pertinent portions thereof which cites such documents and indicates the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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PATENT TRADEMARK OFFICE

Date: April 3, 2003

PFD 05/05 A & B (modified)

Substitute for Form 1449 A & B PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	09/685,770
				Confirmation Number	5048
				Filing Date	October 11, 2000
				First Named Inventor	Hiroyasu KURAMATSU
				Art Unit	2674
				Examiner Name	Ali Zamani
Sheet 1 of 1				Attorney Docket Number	Q61175

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	10-200615	A	07-31-1998		No
		JP	05-19913	A	01-29-1993		No
		JP	11-184782	A	07-09-1999		No
		JP	10-126785	A	05-15-1998		No

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	Date Considered
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*1 EXAMINER Initial of reference considered, whether or not citation is in conformance with MPEP 901. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ⁴ Foreign Office that issued the document, by the two-letter code (WIPO Standard S1). ⁵ For Japanese patent documents, the indication of the year of the origin of the invention must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbol, as indicated on the document under WIPO Standard S1.16 if possible. ⁷ Applicant is to indicate here if English language translation is attached.

Ref. Q61175

1. Japanese Unexamined Patent Application Publication H10-200615
2. Japanese Unexamined Patent Application Publication H5-19913
3. Japanese Unexamined Patent Application Publication H5-344022
4. Japanese Unexamined Patent Application Publication H11-184782

Remarks

Regarding Claims 1 through 3, 7, and 8

Described in Cited Literature 1 is a portable telephone device that can make telephone calls and utilize a short message service, wherein the backlight is extinguished during the telephone call and the backlight is lit when it is possible to confirm display content.

Described in Cited Literature 2 is an information read/write device that is equipped with a control means that restricts the supply of power to the display means during communication with the data carrier.

Described in Cited Literature 3 is a technology for a portable data communications device that extinguishes the backlight during data communications in order to conserve power.

The fact that the invention related to Claims 1 through 3, 7, and 8 adopts the technology to extinguish the backlight when conducting data communications described in Cited Literature 2 or 3 for the invention described in Cited Literature 1 is something that could be easily obtained by a person skilled in the art.

Furthermore, how to detect the end of data communications is nothing more than design item that could be suitably selected by a person skilled in the art, and we can recognize no unique difficulty in making a configuration that determines that data communication has ended by detecting a termination tag.

Regarding Claims 4 through 6

As described in Cited Literature 2 (refer to paragraph (0011)) "After data is read from the data carrier and sent to the display means, there is no loss of display means function because the normal power supply to the display means is resumed." It is self evident that after sending display data to the display means it is necessary to light up the display means.

Technology that displays displayable images during reception operations is nothing more than a well-known and customary technology in the field which conducts content display in hypertext format, as in Cited Literature 4 (refer to Figure 8, etc.), which describes a file reception and display method wherein files with embedded identifiers for linked files and the linked files are received. A person skilled in the art could easily obtain the invention related to Claims 4 through 6 by configuring the control of the backlight by taking into consideration the aforementioned necessities as described in Cited Literature 2 when adopting the aforementioned well-known and customary technology for the portable telephone device described in Cited Literature 1.

Record of Prior Art Literature Search Results

- Fields searched IPC 7th Ed.
 - H04B 1/06
 - H04B 1/16

H04B 7/26

H04M 1/00

▪ Prior art literature

Japanese Unexamined Patent Application Publication H10-126285

Japanese Unexamined Patent Application Publication H5-19913

This Record of Prior Art Literature Search Results does not constitute a reason for rejection.